



ATTORNEY DOCKET NO. 7146.0198

DECLARATION AND POWER OF ATTORNEY

As the below named inventors, we hereby declare that:

Our residences, post office addresses and citizenship are as stated below next to our names respectively.

We believe that we are the original, joint and only inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ADAPTIVE FILTERING BASED
UPON BOUNDARY STRENGTH**

the specification of which

[X] is attached hereto.

[] was filed on:

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventors' certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	<u>Priority Claimed</u>
------------------------------	-------------------------

PCT/JP02/09306	PCT	September 11, 2002	[x] Yes [] No
Serial Number	Country	(Day/Month/Year Filed)	

We hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional applications listed below.

Serial Number	Country	(Day/Month/Year Filed)
---------------	---------	------------------------

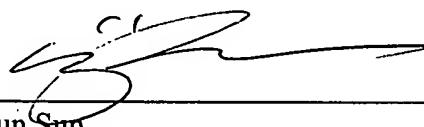
We hereby claim the benefit under Title 35, United States Code, § 120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

9,953,329 September 14, 2001 pending
 (Application Ser. No.) (Filing Date) (Status) (patented, pending, abandoned)

We hereby appoint David C. Ripma, Reg. No. 27,672; Matthew D. Rabdau, Reg. No. 43,026; in-house counsel for Sharp Laboratories of America, Inc.; and Jacob E. Vilhauer, Jr., Reg. No. 24,885; Charles D. Mc Clung, Reg. No. 26,568; Dennis E. Stenzel, Reg. No. 28,763; Donald B. Haslett, Reg. No. 28,855; William O. Geny, Reg. No. 27,444; J. Peter Staples, Reg. No. 30,690; Kevin L. Russell, Reg. No. 38,292; Nancy J. Moriarty, Reg. No. 40,733; Timothy A. Long, Reg. No. 28,876; Scott C. Krieger, Reg. No. 42,768; Susan D. Pitchford, Reg. No. 50,945; Brenna K. Legaard, Reg. No. 51,077; and Kurt A. Rohlfs, Reg. No. 54,405; all members of the firm of Chernoff, Vilhauer, Mc Clung & Stenzel, LLP located at 1600 ODS Tower, 601 SW Second Avenue, Portland, Oregon 97204, telephone number 503/ 227-5631,, our attorneys, jointly and individually, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: 2/23/2004
 Full name of Joint Inventor
 Residence
 Citizenship
 Post Office Address


 Shijun Sun
 Vancouver, WA 98683
 China
 16900 SE 26th Drive, #47

Dated: 3/13/2004
 Full name of Joint Inventor
 Residence
 Citizenship
 Post Office Address


 Shawmin Lei
 Camas, WA 98607
 USA
 4522 NW Valley Street

Dated: March 1, 2004
Full name of Joint Inventor
Residence
Citizenship
Post Office Address

Hiroyuki Katata
Hiroyuki Katata
Chiba 266-0005 JAPAN
Japan
20-868, Honda-cho 2-chome, Midori-ku, Chiba-Shi